

# MUHAMMAD IRFAN

(Mechanical Engineer, 5 Years' Experience)



MUHAMMAD IRFAN

Married

Religion: Islam

Passport No: GL1988152

Passport Expiry: 24/08/2026

Birthday

15/03/1995



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Nationality

Pakistani



Current Location

Dubai UAE



Mirfan10053@gmail.com



LANGUAGES

English

Urdu

Hindi

## QUALIFICATION

2013-2017

**B.Sc. Mechanical Engineering**

University of Engineering and Technology Taxila, Pakistan

2011-2013

**FSc (Pre-Engineering)**

Bise Multan

Grade - A

2022-2024

**Driving License of Dubai.**

(Dubai Car Driving License)

## PROFESSIONAL ACHIEVEMENTS

Current Job



Working as **Mechanical Engineer** in **NAFFCO FZCO DUBAI U.A.E.**

Total 3 Years of good experience here in this Company.

During this Tenure I have done more than 20 Projects having budget value of more than 200M Dirhams

Previous Job ( Refrigeration Cycle Experience)



1- Worked as **Maintenance Engineer of Refrigeration Loop** at **Ammonia Gas Plant in Fauji Fertilizer Company** Goth Machii Sadiqabad Pakistan.

During this tenure, I have done Maintenance Jobs of so many things which I have mentioned in detail.

Worked here for almost 18 Months

Professional Skills

- Proactive and confident.
- Focus to achieve targets.
- Interpersonal Skills.
- Teamwork Skills.
- Leadership Skills.
- Presentation Skills.

## **Experience of Refrigeration Cycle at FFC Sadiqabad, Pakistan.**

- I have full knowledge of Ammonia Refrigeration Cycle having steam turbine driven centrifugal Compressor and Shell and tube types condenser and Evaporator.
- I have done cleaning of Condensers and evaporators
- I have done cleaning and Power brushing of ammonia storage vessels.
- I have done Maintenance of all Types of valves i.e. Gate Valves, Ball Valves, Butterfly Valves, Plug valves and all other types used at plant..
- I have done cleaning of Heat Exchangers especially of shell and tube type heat exchangers. During this activity we do flushing of tubes with high pressure water stream.
- Done Blowing of lube oil piping during shutdown.
- Attended 5 shutdowns and start-up of Plant during this tenure.
- Done cleaning of vessels , all type of vessels including storage vessels, knock out vessels,
- Done maintenance of all types of stream traps.
- I have complete knowledge of NDT Testing, TMT, and Pressure Testing as per standards.
- I have complete grip on types of welding that are used on a plant for its maintenance like SMAW Welding, Argon welding.
- I have done the insulation and Aluminium Cladding Jobs on Steam and other process piping.
- I know the complete work permit procedure used for maintenance jobs and operation jobs.
- Complete Grip on Critical Jobs like Confined space, hot Jobs, Grinding and cutting that is normally used at plant.
- I know how the safe environment is created for the execution of critical jobs.

## **Safety and Work Permit training.**

- 1-Got complete training of fire extinguisher
- 2-Operation of Foam Trolley
- 3-Trained for SCABA (Self Contained Air Breathing Apparatus).
- 4- Scaffolding Pre-Requisitions and its Standard.
- 5- Complete Knowledge of Confined space job and its requisitions.
- 6- Done with Radiography Jobs and its Requisitions.
- 7- Full Grip on Hot job work permit, Cold Job Work Permit and all other types of work permits.
- 8- Complete Knowledge of Job at height.
- 9- Full Knowledge of Purging the Equipment with Nitrogen gas.

## **Fire and Ammonia Gas Training.**

1-I have attended the weekly practice and training for Ammonia Gas and Fire Emergency.

## **Knowledge of MEP Services.**

- I have full knowledge of HVAC including Chilled water System and other Systems.
- I have complete grip on installation of chilled water piping, it's flushing with chemical dosing and its testing and commissioning.
- I have complete grip on FCU Mouth Connection and testing and commissioning.
- I have complete knowledge of brazing required for copper pipes.
- I have complete grip on chillers, its types and its installation.
- I have complete grip on LPG Gas Piping and its tank installation.
- I have complete grip on drainage piping, water supply piping, and water tank installation at roof.
- I have full knowledge of DUCT installation.
- I have full knowledge of DEWA inspection requirements of Sub-Station and other Electrical room.

## **Experience at NAFFCO FZCO. U.A.E.**

- I am working as Mechanical Engineer in this organization since January 2019.
- I have done installation of HDPE Pipes, galvanized iron Pipes, seamless Pipes MS and Stainless Pipes as per requirement of client demand.
- I Have Full grip on Non Destructive testing methods i.e Radiography and DPT or LPT.
- I am well aware of work permit Procedure in Gas Plant.
- I am well aware of MOS of installation, testing and commissioning and maintenance of centrifugal Pumps (Single Stage and Multistage).
- I have attended many meetings with client and main contractor based on corresponding projects.

## **Finally,**

Being technically sound, young and enthusiastic I am confident that I can fulfil your esteemed organization's requirement. I wish and hope that I will get the privilege of serving your organization.